

PROPOSED AMENDMENTS TO THE CLAIMS:

This listing of claims is submitted for discussion purposes and is **NOT** intended to replace prior versions, and listings, of claims in the application:

Claims 1-6 (canceled)

Claim 7 (proposed amendment): A method of providing an automatic route selection service using a service control point, the method comprising:

receiving automatic route selection service information corresponding to a service subscriber; and

operating circuitry to select a method for implementing the automatic route selection service for the service subscriber[[,]] from a plurality of different implementation methods[[,]] as a function of type of telephone switch which serves as an end office switch for said service subscriber, a first one of the plurality of different implementation methods using a switch based automatic route selection table[[,]] and a second one of the plurality of different implementation methods using a non-switch based automatic route selection table; ~~and~~

incorporating automatic route selection information used to implement the selected automatic route selection method into a call processing record accessible by a service control point; ~~and~~

when said second method of implementing an automatic route selection service is selected:

operating the service control point to use call information to determine from an automatic route selection table a telephone trunk identifier; and

transmitting the telephone trunk identifier determined from the automatic route selection table to a telephone switch.

Claim 8 (original): The method of claim 7, wherein the non-switch based automatic route selection table is implemented in a service control point.

Claim 9 (proposed amendment): A method of providing an automatic route selection service using a service control point, the method comprising:

receiving automatic route selection service information corresponding to a service subscriber;

selecting a method for implementing the automatic route selection service for the service subscriber[[],] from a plurality of different implementation methods[[],] as a function of type of telephone switch which serves as an end office switch for said service subscriber, a first one of the plurality of different implementation methods using a switch based automatic route selection table[[],] and a second one of the plurality of different implementation methods using a non-switch based automatic route selection table implemented in a service control point; and

when said second method of implementing an automatic route selection service is selected:

operating the service control point to determine from an automatic route selection table, using call information received from a telephone switch, a telephone trunk identifier, said service control point being coupled to said telephone switch;

transmitting the telephone trunk identifier determined from the automatic route selection table to a telephone switch; and

incorporating automatic route selection information used to implement the selected automatic route selection method into a call processing record stored in a storage device accessible by the service control point.

Claim 10 (original): The method of claim 9,
wherein the telephone trunk identifier is a route index; and
wherein the transmitted message is one of a Forward_Call message and an Analyze_Route message.

Claim 11 (proposed amendment):

A method of providing an automatic route selection service using a service control point, the method comprising:

receiving automatic route selection service information corresponding to a service subscriber;

operating circuitry to select a method for implementing the automatic route selection service for the service subscriber[[,]] from a plurality of different implementation methods[[,]] as a function of type of telephone switch which serves as an end office switch for said service subscriber, and the complexity of the automatic route selection logic required to provide the automatic route selection service to the service subscriber, a first one of the plurality of different implementation methods using a switch based automatic route selection table[[,]] and a second one of the plurality of different implementation methods using a non-switch based automatic route selection table implemented in a service control point; and

incorporating automatic route selection information used to implement the selected automatic route selection method into a call processing record stored in a storage device accessible by a service control point; and

when said second method of implementing an automatic route selection service is selected:

operating the service control point to use call information to determine from an automatic route selection table a telephone trunk identifier; and

transmitting the telephone trunk identifier determined from the automatic route selection table to a telephone switch.

Claims 12 (proposed amendment): A system for providing an automatic route selection service to an automatic route selection service subscriber, the system comprising:

a telephone switch coupled to a telephone device used by said subscriber; and

a service control point coupled to said telephone switch, the service control point including control logic used to access a non-switch based automatic route selection table as part of a service control point based automatic route selection service provided to said service subscriber, the service control point further comprising:

means for selecting a method for implementing the automatic route selection service for the service subscriber[[,]] from a plurality of different implementation methods [[,]] as a function of type of telephone switch which serves as an end office switch for said service subscriber, a first one of the plurality of different implementation methods using a switch based

automatic route selection table[[,]] and a second one of the plurality of different implementation methods using a non-switch based automatic route selection table; and
when said second method of implementing an automatic route selection service is selected;
means for using call information to determine from an automatic
route selection table a telephone trunk identifier; and
means for communicating the telephone trunk identifier
determined from the automatic route selection table to a telephone switch.

Claims 13-19 (canceled)